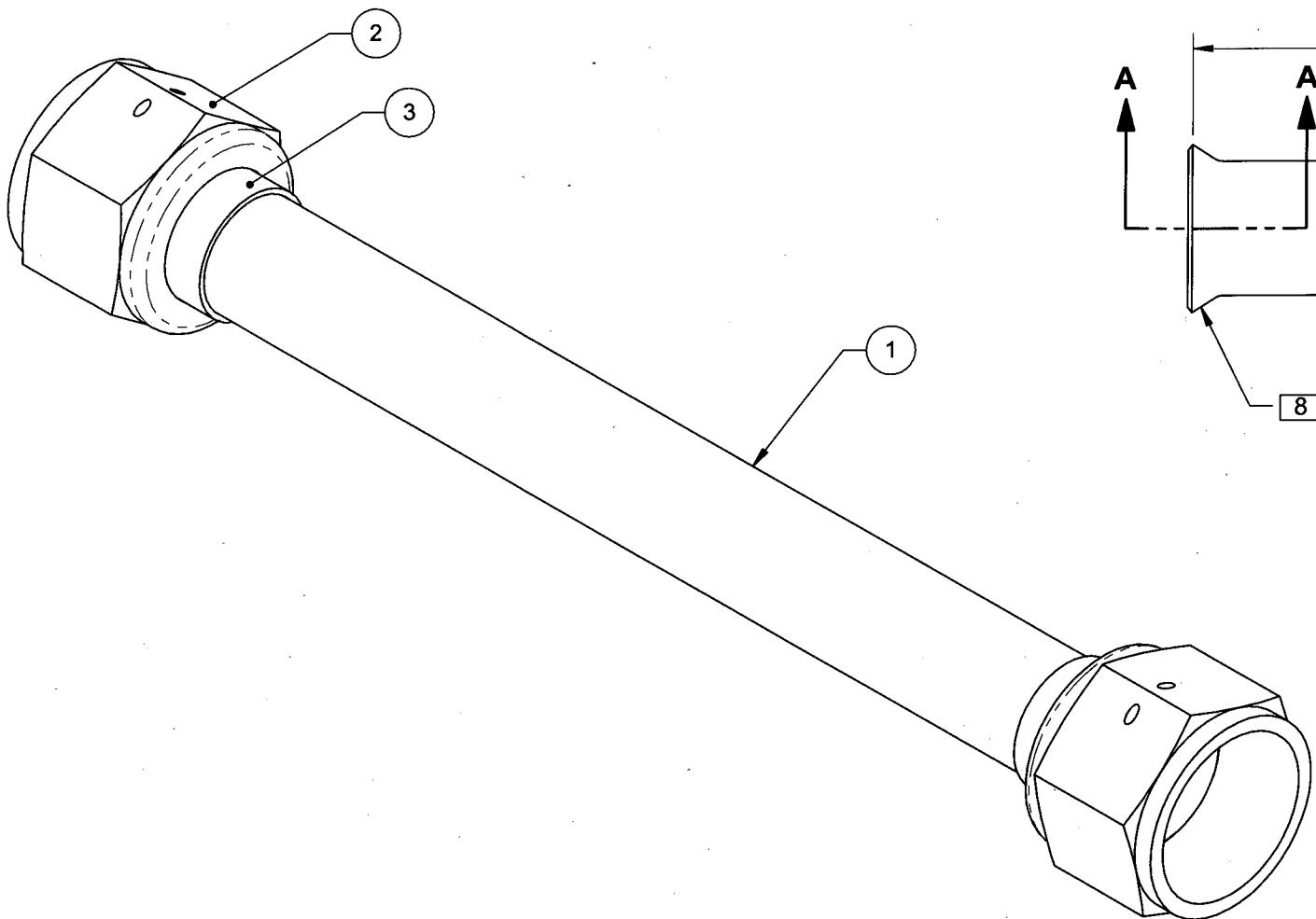
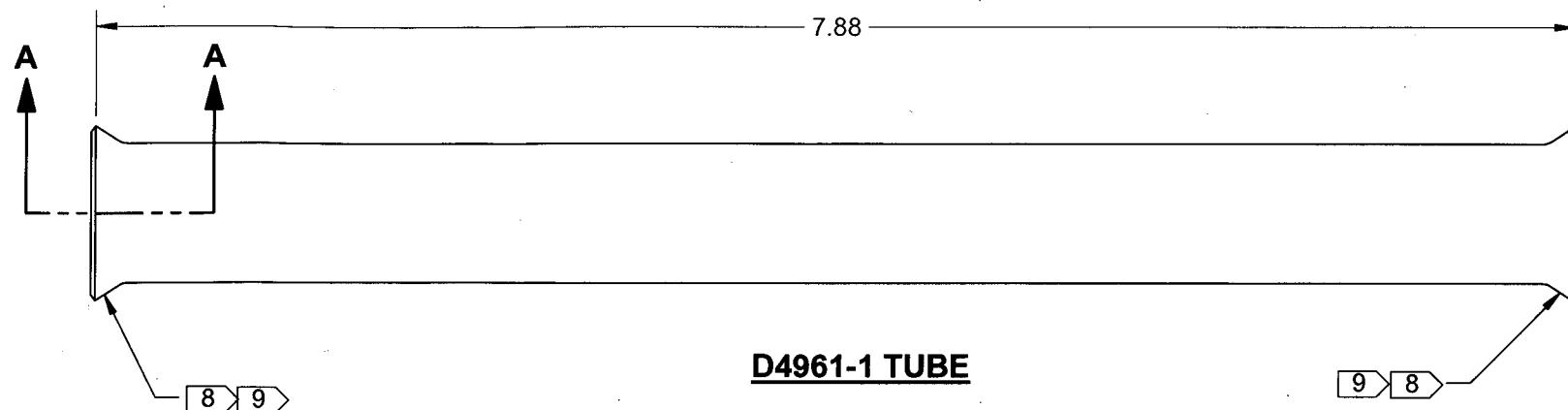
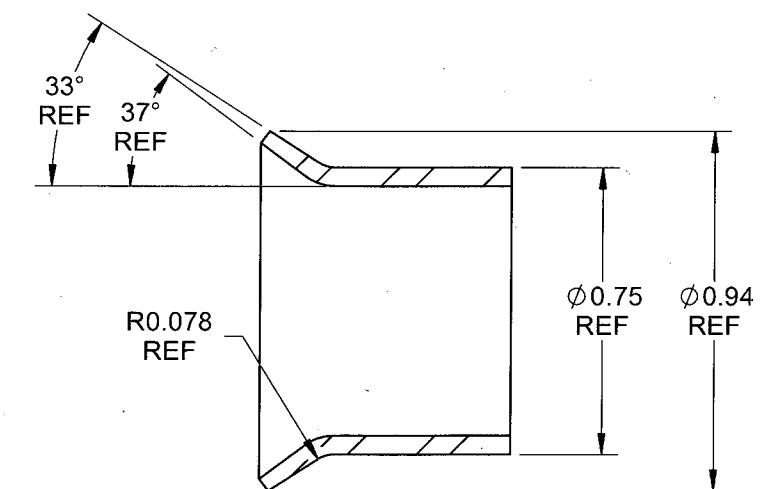


ITEM	QTY -041	P/N	DESCRIPTION
	X	D4961-041	TUBE ASSEMBLY
1	1	D4961-1	TUBE
2	2	AN818-L12J	NUT, TUBE COUPLING (DRILLED)
3	2	MS20819-12J	SLEEVE

D

D

**D4961-041 TUBE ASSEMBLY****D4961-1 TUBE****SECTION A-A****NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING, Ø0.750 X 0.049 WALL PER ASTM A213 OR ASME SA213 OR ASTM A269 (REF DART SPEC M304TR)
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.59 lbs
- 8) FLARE TUBE PER MS33584
- 9) CLEAN INSIDE OF TUBE AFTER FLARING ENDS

RELEASED
2016-08-04
EEN 16-622

APPROVED

DATE 16.06.21

C	ADDED D4961-045 (SHEET 3)	CC	16.06.21
B	UPDATED BOM P/N AN818-L12J WAS AN818-12J. ADDED SHEET 2 (D4961-043)	AK	14.11.07
A	NEW ISSUE	VS	13.10.21
REV.	DESCRIPTION		
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	CC		
CHECKED	VS	DRAWING NO. D4961	
MFG. APPR.	DD	REV. C SHEET 1 OF 3	
APPROVED	HS	TITLE TUBE ASSEMBLY	
DE APPR.	DS	SCALE NTS	
DATE 16.06.21		COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

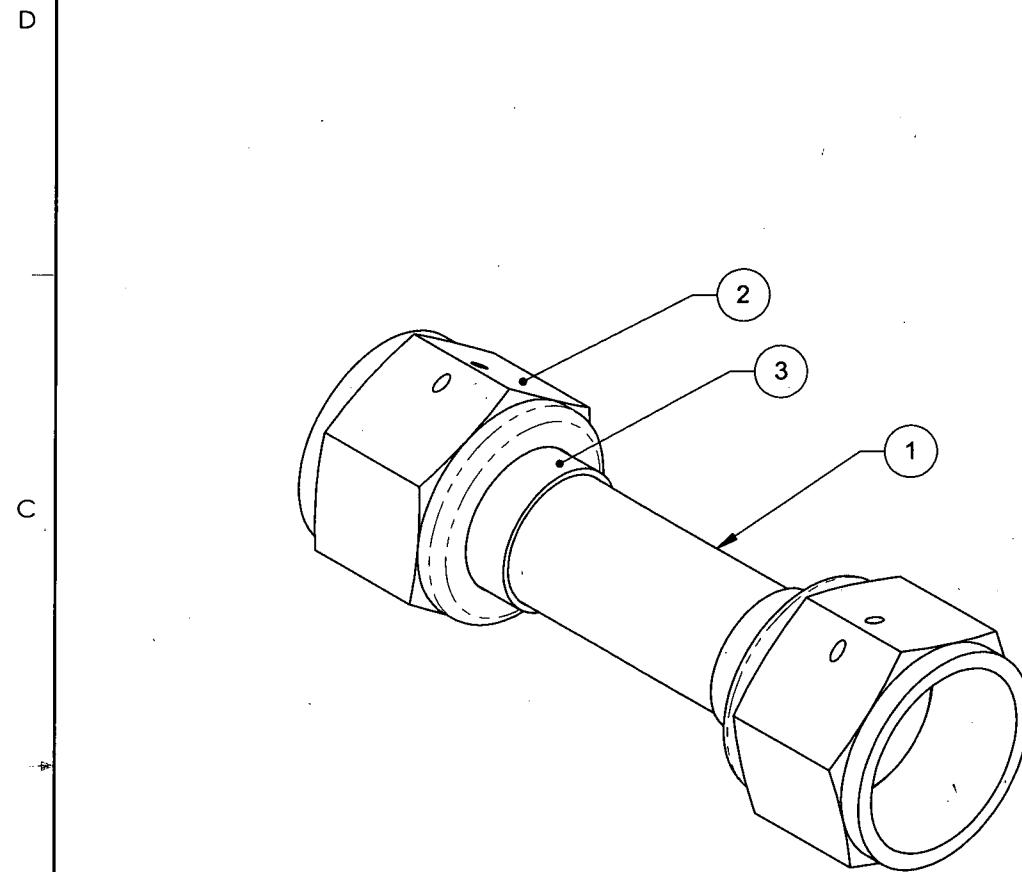
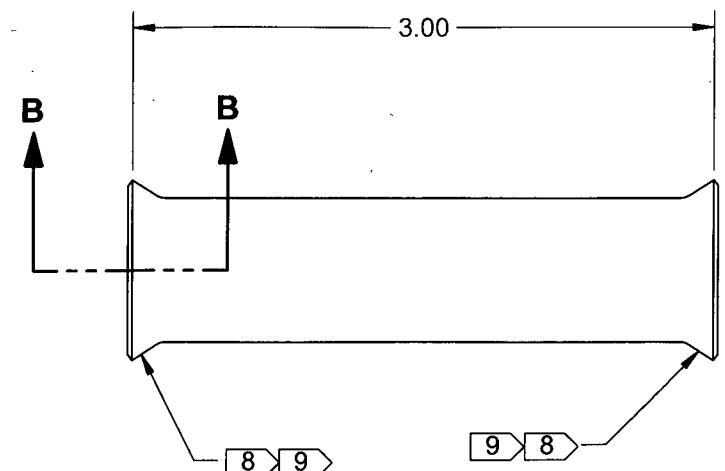
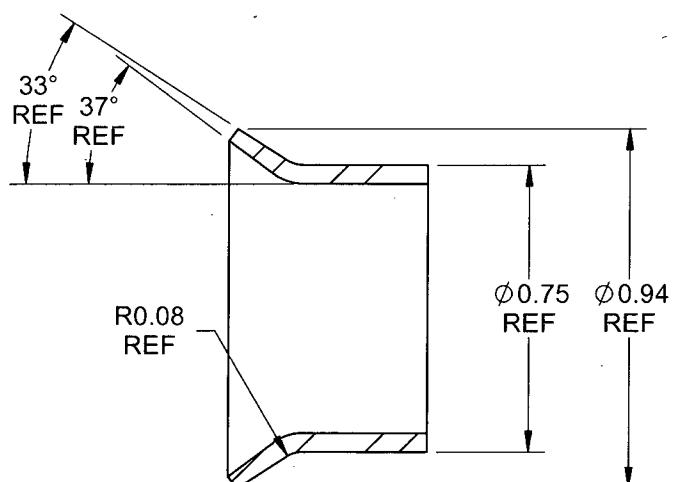
A

A

1

8 7 6 5 4 3 2 1

ITEM	QTY	P/N	DESCRIPTION
	X	D4961-043	TUBE ASSEMBLY
1	1	D4961-3	TUBE
2	2	AN818-L12J	NUT, TUBE COUPLING (DRILLED)
3	2	MS20819-12J	SLEEVE

**D4961-043 TUBE ASSEMBLY****D4961-3 TUBE****SECTION B-B****NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING, Ø0.750 X 0.049 WALL PER ASTM A213 OR ASME SA213 OR ASTM A269 (REF DART SPEC M304TR)
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.44 lbs
- 8) FLARE TUBE PER MS33584
- 9) CLEAN INSIDE OF TUBE AFTER FLARING ENDS

RELEASED
2016-08-04

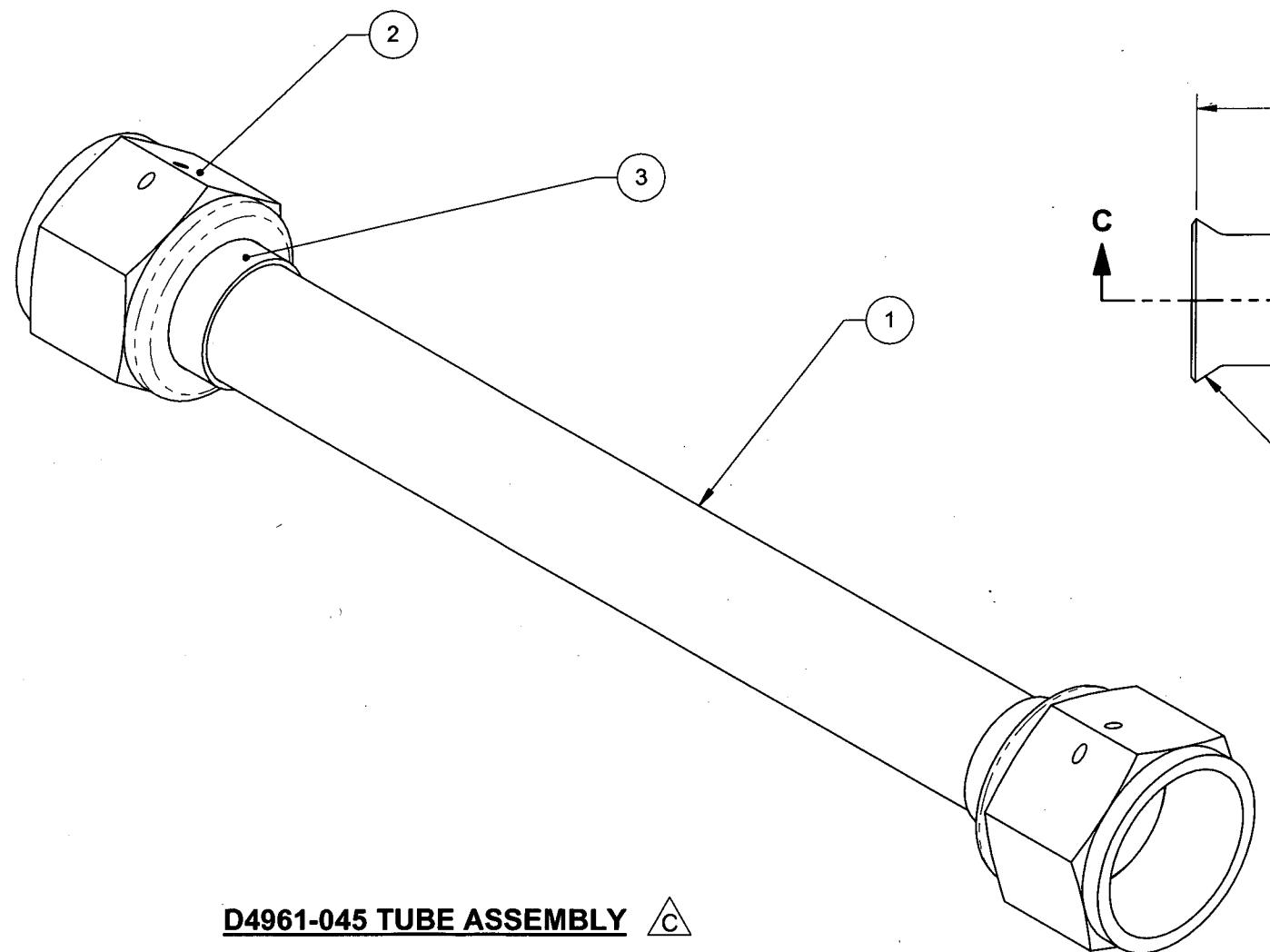
APPROVED

DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	CC	
CHECKED	VS	
MFG. APPR.	DD	
APPROVED	HS	
DE APPR.	DS	
DATE	16.06.21	
SCALE	NTS	

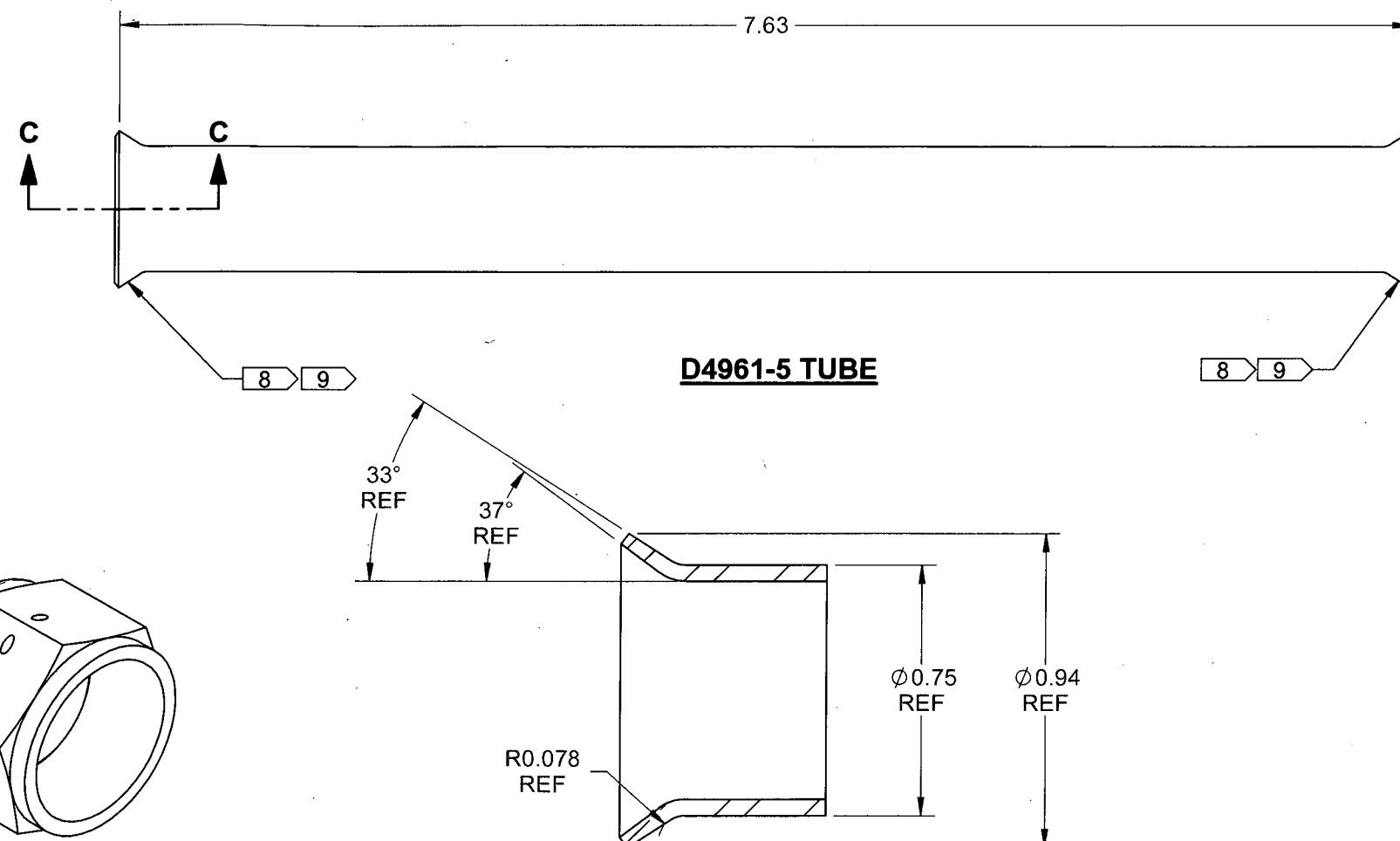
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8 7 6 5 4 3 2 1

ITEM	QTY -045	P/N	DESCRIPTION
	X	D4961-045	TUBE ASSEMBLY
1	1	D4961-5	TUBE
2	2	AN818-L12J	NUT
3	2	MS20819-12J	SLEEVE



D4961-045 TUBE ASSEMBLY ▲



D4961-5 TUBE

SECTION C-C

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING, $\phi 0.750 \times 0.049$ WALL PER ASTM A213 OR ASME SA213 OR ASTM A269 (REF DART SPEC M304TR)
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.59 lbs
- 8) FLARE TUBE PER MS33584
- 9) CLEAN INSIDE OF TUBE AFTER FLARING ENDS

RELEASED
2016-08-04

APPROVED

DESIGN	VS	DART AEROSPACE LTD	
DRAWN	CC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	
MFG. APPR.	DD	REV. C	
APPROVED	HS	D4961	
DE APPR.	DS	SHEET 3 OF 3	
TITLE		SCALE	
TUBE ASSEMBLY		NTS	
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